

# SiGN VIRTUAL SEMINAR

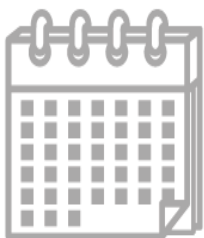


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### High-throughput Biological Data Analysis: Opportunities and Challenges

High-throughput data bring opportunities but also imposes challenges for statistical and machine learning methods. I will demonstrate how these opportunities and challenges have been utilized or dealt with in data analysis through some real-world examples: gene set enrichment analysis, batch effect correction, analysis with generalized linear models, and spatial transcriptomic data analysis. I will conclude with discussion of best practices in analysis of the high-throughput data.



**23<sup>rd</sup> August 2021 (Monday)**  
**2pm – 3pm (Singapore Time)**  
**Join Zoom Meeting: [LINK](#)**  
**Meeting ID: 966 4371 7836**  
**Passcode: 375318**

*Seminar is  
open for all  
to attend.*

*Registration  
is not  
required.*